

REMARKS

This amendment is responsive to the Office Action mailed November 17, 2004. Claims 1–5, and 7–13 are presently pending in the application. Claim 6 has been cancelled without prejudice.

REJECTION UNDER 35 U.S.C. § 102(b)

Claims 1-13 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Li et al. (U.S. Pat. No. 5,473,599). For the following reasons, this rejection is respectfully traversed.

Initially, it will be noted that independent claims 1 and 5 have each been amended to more positively recite the use of a filter that prevents receipt of an advertisement from a router other than said primary router or said backup router that is not pre-authorized to act as a primary router. It is respectfully submitted that this is not disclosed or suggested by Li et al. Li et al is directed to a standby router protocol that involves a provision for a new router that has joined the network to become the “active” router by sending a “coup” message containing its priority. If this priority is higher than the presently acting “active” router, than the new router will replace the presently active router as the new active router. At column 11, lines 45 – 58, and column 12, lines 1 – 10, it is explained under what scenarios the new router that has entered the network may “pre-empt “ the active router. Principally, it is stated that this depends in part on whether the incoming (i.e., new) router is configured to “pre-empt” the active router. If it is, then the new router entering the network may send a coup message to the current

active router when it believes it has priority over that router. If the entering router is not configured to pre-empt, then it cannot send a coup message to the active router.

This is fundamentally different from the present invention which makes use of packet filters associated with each seat electronics box (components 20a, 22a, and 24a in Figure 1). Each packet filter includes information that pre-authorizes only certain ones of the routers operating on the network from acting as a "primary router". Put differently, if a new router were to enter the network and attempt to send a message to any of the seat electronics box systems 20a, 22a, and 24a that it is taking over as the "primary" router, and if the new router has not been pre-authorized to act as a primary router, the packet filter 40 associated with the given seat electronics box would not recognize the message from the new router. Thus, only routers that have been pre-authorized to act as a primary router can assume. Accordingly, it is believed that each of the independent claims are now clearly allowable over Li et al and reconsideration is therefore requested.

PRIORITY CLAIM


The undersigned has also amended the specification to make reference to the priority claim to U.S. Provisional Application Serial No. 60/317,833. This priority information was provided in PTO bibliographic papers submitted when a non-provisional application was filed (i.e., page 3 of those bibliographic papers). A copy of this paper is being submitted herewith and is stamped "copy". If there is any reason that the office will not acknowledge the priority claim to the provisional application, the undersigned wishes to be apprised of same as soon as possible.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: Feb. 9, 2005

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CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 27572
Fax One:: 248-641-0270

APPLICATION INFORMATION

Title Line One:: Router Discovery Protocol On A Mobile In
Title Line Two:: ternet Protocol Based Network
Total Drawing Sheets:: 1
Formal Drawings?: Yes
Application Type:: Utility
Docket Number:: 7784-000194
Secrecy Order in Parent Appl.?: No

Source:: PrintEFS Version 1.0.1

PATENT APPLICATION BIBLIOGRAPHIC DATA

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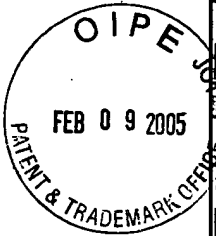
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APPLICATION INFORMATION				
Title of the Invention				
Router Discovery Protocol On A Mobile Internet Protocol Based Network				
Total Drawing Sheets	1	<input checked="" type="checkbox"/> Formal Drawings	<input type="checkbox"/> Informal Drawings	
Application Type	Utility	Docket Number	7784-000194	
Licensed U. S. Govt. Agency	Contract or Grant No.	Secrecy Order in Parent Application?		
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Additional Govt. Agencies				
REPRESENTATIVE INFORMATION				
Representative Customer Number		27572		
Registration Number	Registration Number	Registration Number	Registration Number	Registration Number
Additional Representatives				
PRIOR FOREIGN APPLICATIONS				
Foreign Application No.	Filing Date (MMDDYYYY)	Country	Priority Claimed?	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
Additional Prior Foreign Applications				



PATENT APPLICATION BIBLIOGRAPHIC DATA

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Filing on behalf of the inventor under 37 CFR 1.42 or 1.43 or 1.47

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